

# **EXHIBIT 32**

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**Subject:** Proposed changes to tacacs commands for T+  
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1). The "tacacs-server host <hostname>" command is to be extended by adding optional arguments, viz:

```
tacacs-server host <hostname> [ single-session ] [port <integer> ]
[timeout <integer> ] [ key <string> ]
```

This supports per-server encryption keys, port numbers and timeouts. The keyword "single-session" indicates a server capable of multiplexing T+ sessions over a single tcp connection (CiscoSecure only).

2). The introduction of

```
"debug tacacs events"
```

to show debugging output from the Tacacs+ "helper" process

3). The introduction of a

```
"show tacacs"
```

command, to show various interesting statistics about T+ servers, e.g.

```
Server: 171.69.60.90 port 49: closes=0 opens=0 errors=0
    packets in=0 packets out=0
    no connection
```

```
Server: 171.69.60.15 port 49: closes=0 opens=0 errors=0
    packets in=0 packets out=0
    no connection
```

```
Server: 171.69.58.104 port 53: closes=1 opens=2 errors=0
    packets in=4 packets out=5
    connection 49BBD0 state=CLOSEWAIT
```

Cheers,

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 Lol